



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 4

Test Date: March 2008
Code: 12631786
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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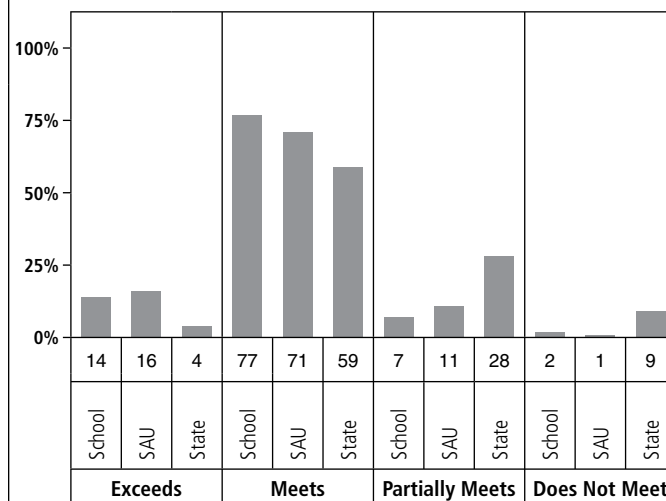
SUMMARY OF SCORES

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

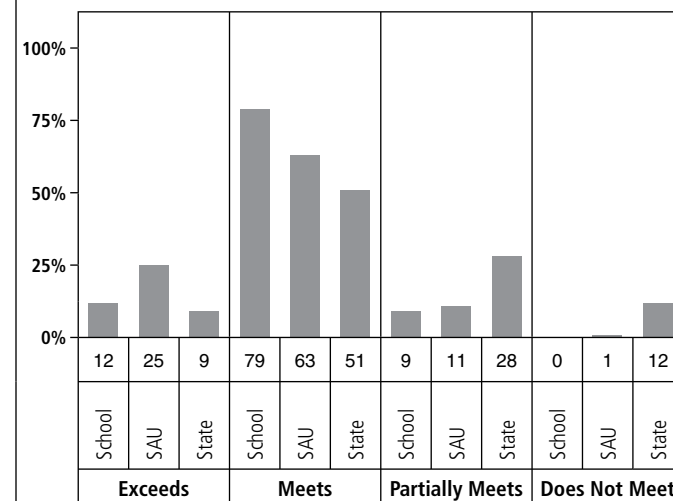
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	454	450	444
2006–2007	452	453	445
2007–2008	451	452	445
Cum. Avg. *	452	452	445
Mathematics			
2005–2006	457	455	444
2006–2007	462	456	445
2007–2008	454	456	445
Cum. Avg. *	457	456	445
Science & Technology			
2005–2006	455	452	444
2006–2007	459	455	444
2007–2008	456	453	444
Cum. Avg. *	456	453	444

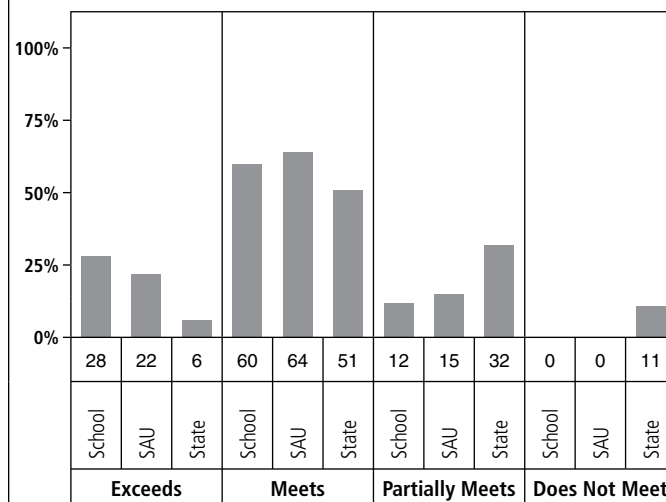
ELA – READING



MATHEMATICS



SCIENCE AND TECHNOLOGY



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	44	100	161	100	14207	100	44	100	159	99	14181	100	44	100	159	99	14123	100	44	100	159	99	14115	99						
Ethnicity African American/Black	0	0	2	1	390	3	0	0	2	100	388	99	0	0	2	100	388	99	0	0	2	100	386	99						
American Indian or Native Alaskan	0	0	0	0	101	1	0	0	0	0	101	100	0	0	0	0	101	100	0	0	0	0	101	100						
Asian or Pacific Islander	0	0	2	1	263	2	0	0	2	100	259	98	0	0	2	100	262	100	0	0	2	100	262	100						
Hispanic	0	0	1	1	170	1	0	0	0	0	168	99	0	0	0	0	166	98	0	0	0	0	166	98						
Caucasian/White	44	100	156	97	13282	93	44	100	155	99	13264	100	44	100	155	99	13205	100	44	100	155	99	13199	99						
Not Reported	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100	0	0	0	0	1	100						
Identified disability	17	39	31	19	2524	18	17	100	31	100	2514	100	17	100	31	100	2498	99	17	100	31	100	2494	99						
Current LEP	0	0	4	2	385	3	0	0	3	75	377	98	0	0	3	75	383	99	0	0	3	75	380	99						
Economically disadvantaged	6	14	25	16	5587	39	6	100	24	96	5569	100	6	100	24	96	5538	99	6	100	24	96	5534	99						
Migrant	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	33	75	133	83	10755	76	33	75	133	83	10730	76	33	75	133	83	10776	76						
Identified disability (PET/IEP)	6	18	7	5	375	3	6	18	7	5	374	3	6	18	7	5	384	4						
LEP	0	0	2	2	148	1	0	0	2	2	148	1	0	0	2	2	150	1						
504 plan	0	0	1	1	114	1	0	0	1	1	114	1	0	0	1	1	115	1						
Participation with accommodations	10	23	25	16	3298	23	10	23	25	16	3267	23	10	23	25	16	3215	23						
Identified disability (PET/IEP)	10	100	23	92	2013	61	10	100	23	92	1998	61	10	100	23	92	1986	62						
LEP	0	0	1	4	225	7	0	0	1	4	233	7	0	0	1	4	229	7						
504 plan	0	0	0	0	69	2	0	0	0	0	68	2	0	0	0	0	67	2						
Other	0	0	1	4	1046	32	0	0	1	4	1023	31	0	0	1	4	987	31						
Participation through alternate assessment (PAAP)	1	2	1	1	126	1	1	2	1	1	126	1	1	2	1	1	124	1						
Identified disability (PET/IEP)	1	100	1	100	126	100	1	100	1	100	126	100	1	100	1	100	124	100						
LEP	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	1	1						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0																		
Approved non-participation – special consideration	0	0	0	0	15	0	0	0	0	0	16	0	0	0	0	0	12	0						
Non-participation – other	0	0	2	1	11	0	0	0	2	1	68	0	0	0	2	1	80	1						

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 461–480)	2005-2006	7	17	16	10	601	4
	2006-2007	1	5	20	13	507	4
	2007-2008	6	14	26	16	559	4
	Cum. Total*	14	13	62	13	1667	4
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 441–460)	2005-2006	32	78	121	75	7910	57
	2006-2007	21	95	128	80	8749	63
	2007-2008	33	77	112	71	8308	59
	Cum. Total*	86	81	361	75	24967	60
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 431–440)	2005-2006	2	5	22	14	3970	29
	2006-2007	0	0	9	6	3467	25
	2007-2008	3	7	18	11	3922	28
	Cum. Total*	5	5	49	10	11359	27
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 400–430)	2005-2006	0	0	2	1	1421	10
	2006-2007	0	0	3	2	1165	8
	2007-2008	1	2	2	1	1264	9
	Cum. Total*	1	1	7	1	3850	9

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	48	100	34.1	71.0	34.6	72.1	29.7	61.9
Literary Text	24	50	18.0	75.0	18.1	75.4	15.5	64.6
Informational Text	24	50	16.1	67.1	16.5	68.8	14.2	59.2

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	14053	4	59	28	9	445
Ethnicity																						
African American/Black	0										2						384	1	36	35	28	438
American Indian or Native Alaskan	0										0						101	1	46	44	10	442
Asian or Pacific Islander	0										2						259	6	61	22	11	445
Hispanic	0										0						164	0	45	38	16	440
Caucasian/White	43	6	14	33	77	3	7	1	2	451	154	17	71	11	1	452	13144	4	60	28	8	445
Not Reported	0										0						1					
Identified disability																						
Yes	16	1	6	11	69	3	19	1	6	447	30	3	73	17	7	446	2388	0	29	44	26	437
No	27	5	19	22	81	0	0	0	0	453	128	20	70	10	0	453	11665	5	65	25	6	446
Current LEP																						
Yes	0										3						373	1	32	35	32	436
No	43	6	14	33	77	3	7	1	2	451	155	17	72	10	1	452	13680	4	60	28	8	445
Economically disadvantaged																						
Yes	5	1	20	3	60	1	20	0	0	454	23	26	61	13	0	454	5502	1	47	37	14	441
No	38	5	13	30	79	2	5	1	3	450	135	15	73	11	1	451	8551	6	67	22	5	447
Migrant																						
Yes	0										0						5	0	40	60	0	445
No	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	14048	4	59	28	9	445
Gender																						
Female	21	3	14	16	76	2	10	0	0	452	80	18	71	11	0	452	6959	5	61	26	8	446
Male	22	3	14	17	77	1	5	1	5	450	78	15	71	12	3	451	7093	3	57	30	10	444
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	1										13	0	92	8	0	447	1890	0	37	46	17	439
No	42	6	14	32	76	3	7	1	2	451	145	18	69	12	1	452	12163	5	63	25	8	446
Gifted/talented program																						
Yes	0										0						266	21	74	4	0	456
No	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	13787	4	59	28	9	445

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	5	1	42	36	21	440
B. less than one hour	91	5	13	31	79	2	5	1	3	451	61	14	76	8	2	452	74	4	62	27	7	445
C. one to two hours	7	1	33	2	67	0	0	0	0	454	37	22	64	14	0	452	18	5	59	29	7	446
D. more than two hours	0										1	0	50	50	0	440	2	3	32	34	31	438
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	14	0	0	6	100	0	0	0	0	451	35	25	63	13	0	452	30	6	63	24	7	446
B. They match some of what I have learned.	77	6	18	23	70	3	9	1	3	451	58	13	74	12	1	452	52	4	63	27	6	446
C. They match just a little of what I have learned.	7	0	0	3	100	0	0	0	0	449	5	0	100	0	0	449	12	2	46	37	15	441
D. There is no match.	2	0	0	1	100	0	0	0	0	444	2	0	67	0	33	437	5	0	33	40	26	437
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	40	3	18	12	71	1	6	1	6	452	37	24	73	2	2	454	35	7	66	20	6	448
B. good	56	3	13	20	83	1	4	0	0	451	51	14	70	15	1	451	51	3	60	29	7	445
C. fair	5	0	0	1	50	1	50	0	0	441	11	6	67	28	0	446	12	1	44	40	16	440
D. poor	0										1	0	100	0	0	454	2	0	23	47	30	436
How hard was the reading part of this test?																						
A. harder than my regular schoolwork	14	0	0	4	67	2	33	0	0	447	12	11	67	17	6	450	19	2	46	34	17	442
B. about the same as my regular schoolwork	71	6	20	23	77	1	3	0	0	453	75	19	72	9	0	453	62	5	64	26	5	446
C. easier than my regular schoolwork	14	0	0	5	83	0	0	1	17	446	13	5	70	20	5	447	18	3	58	29	10	444
How hard were the reading passages on this test?																						
A. Most of the passages were more difficult than what I usually read.	7	0	0	1	33	2	67	0	0	440	7	9	64	18	9	447	14	0	32	46	22	438
B. Most of the passages were about the same as what I usually read.	67	1	4	26	93	1	4	0	0	449	54	2	81	16	0	448	52	3	62	28	7	445
C. Most of the passages were easier than what I usually read.	26	5	45	5	45	0	0	1	9	459	38	38	57	3	2	457	33	7	68	20	5	448
How much time do you spend reading at home each day?																						
A. more than one hour	21	1	11	7	78	1	11	0	0	450	18	14	82	4	0	452	18	7	64	22	7	447
B. 20 minutes to an hour	40	4	24	12	71	0	0	1	6	454	64	20	66	13	1	453	55	4	64	26	6	446
C. less than 20 minutes	33	1	7	11	79	2	14	0	0	448	13	5	75	20	0	447	14	2	53	33	12	443
D. I rarely read at home.	7	0	0	3	100	0	0	0	0	449	6	11	78	0	11	449	13	1	44	39	16	441
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	20	0	0	7	88	1	13	0	0	448	17	8	65	23	4	447	23	3	50	34	13	442
B. six to ten pages	44	6	33	12	67	0	0	0	0	455	19	23	67	10	0	453	25	3	60	29	8	444
C. eleven or more pages	37	0	0	14	93	1	7	0	0	449	64	17	75	8	0	453	52	5	64	24	6	446
Optional school/SAU question																						
A.	0										0											
B.	0										100	0	100	0	0	460						
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 461–480)	2005-2006	14	34	52	32	1294	9
	2006-2007	8	36	43	27	1054	8
	2007-2008	5	12	40	25	1321	9
	Cum. Total*	27	25	135	28	3669	9
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 441–460)	2005-2006	24	59	88	55	7000	50
	2006-2007	14	64	100	63	7394	53
	2007-2008	34	79	100	63	7079	51
	Cum. Total*	72	68	288	60	21473	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 429–440)	2005-2006	3	7	17	11	3784	27
	2006-2007	0	0	15	9	3729	27
	2007-2008	4	9	17	11	3955	28
	Cum. Total*	7	7	49	10	11468	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 400–428)	2005-2006	0	0	4	2	1894	14
	2006-2007	0	0	2	1	1735	12
	2007-2008	0	0	1	1	1642	12
	Cum. Total*	0	0	7	1	5271	13

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	15	31	11.4	76.0	11.9	79.3	9.5	63.3
Cluster 2: Shape and Size	14	29	10.4	74.3	10.7	76.4	9.1	65.0
Cluster 3: Mathematical Decision Making	5	10	3.9	78.0	3.9	78.0	3.4	68.0
Cluster 4: Patterns	14	29	10.9	77.9	11.1	79.3	9.7	69.3

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	43	5	12	34	79	4	9	0	0	454	158	25	63	11	1	456	13997	9	51	28	12	445
Ethnicity																						
African American/Black	0										2						386	4	26	34	36	434
American Indian or Native Alaskan	0										0						101	3	46	41	11	442
Asian or Pacific Islander	0										2						262	14	51	23	12	447
Hispanic	0										0						162	4	41	34	21	440
Caucasian/White	43	5	12	34	79	4	9	0	0	454	154	26	63	10	1	456	13085	10	51	28	11	446
Not Reported	0										0						1					
Identified disability																						
Yes	16	2	13	12	75	2	13	0	0	451	30	7	70	20	3	449	2372	3	31	36	30	436
No	27	3	11	22	81	2	7	0	0	455	128	30	62	9	0	458	11625	11	54	27	8	447
Current LEP																						
Yes	0										3						381	4	33	28	35	435
No	43	5	12	34	79	4	9	0	0	454	155	26	63	11	1	456	13616	10	51	28	11	445
Economically disadvantaged																						
Yes	5	1	20	3	60	1	20	0	0	454	23	35	52	13	0	457	5472	5	41	35	19	440
No	38	4	11	31	82	3	8	0	0	454	135	24	65	10	1	456	8525	13	56	24	7	448
Migrant																						
Yes	0										0						5	0	80	20	0	448
No	43	5	12	34	79	4	9	0	0	454	158	25	63	11	1	456	13992	9	51	28	12	445
Gender																						
Female	21	2	10	16	76	3	14	0	0	453	80	23	61	16	0	454	6933	9	50	29	12	445
Male	22	3	14	18	82	1	5	0	0	455	78	28	65	5	1	457	7063	10	51	27	11	446
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	1										13	8	62	31	0	449	1890	2	34	41	23	438
No	42	5	12	33	79	4	10	0	0	454	145	27	63	9	1	457	12107	11	53	26	10	446
Gifted/talented program																						
Yes	0										0						266	45	49	5	0	461
No	43	5	12	34	79	4	9	0	0	454	158	25	63	11	1	456	13731	9	51	29	12	445

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	0	0	1	100	0	0	440	1	0	0	100	0	440	5	6	34	33	27	438
B. less than one hour	91	4	10	32	82	3	8	0	0	453	61	21	68	10	1	455	74	10	52	28	10	446
C. one to two hours	7	1	33	2	67	0	0	0	0	461	37	34	56	10	0	458	18	10	52	28	10	446
D. more than two hours	0										1	0	100	0	0	451	2	5	33	28	34	436
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	49	5	24	16	76	0	0	0	0	459	45	30	61	10	0	457	38	13	56	23	8	448
B. They match some of what I have learned.	40	0	0	15	88	2	12	0	0	450	47	25	67	7	1	456	48	8	52	29	10	445
C. They match just a little of what I have learned.	12	0	0	3	60	2	40	0	0	446	7	0	55	45	0	446	10	4	35	39	22	439
D. There is no match.	0										1	0	100	0	0	444	4	2	25	33	40	433
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	44	4	21	14	74	1	5	0	0	456	35	36	57	7	0	459	35	16	55	20	8	449
B. good	47	1	5	18	90	1	5	0	0	452	54	20	68	11	1	455	48	7	52	31	11	445
C. fair	7	0	0	1	33	2	67	0	0	447	9	20	53	27	0	451	14	3	41	38	18	440
D. poor	2	0	0	1	100	0	0	0	0	456	1	0	100	0	0	455	3	1	29	36	34	435
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	12	0	0	3	60	2	40	0	0	445	6	10	60	20	10	449	15	4	38	33	25	439
B. about the same as my regular schoolwork	65	4	14	23	82	1	4	0	0	455	63	24	65	11	0	455	64	10	54	28	9	446
C. easier than my regular schoolwork	23	1	10	8	80	1	10	0	0	455	31	31	60	8	0	458	21	13	52	24	11	447
How often do you use hands-on materials in mathematics class?																						
A. almost every day	47	2	10	18	90	0	0	0	0	454	52	29	66	5	0	457	23	8	47	29	16	443
B. two or three days a week	35	2	13	11	73	2	13	0	0	453	35	25	59	16	0	455	36	11	54	27	9	447
C. two or three times each month	7	0	0	3	100	0	0	0	0	449	8	8	77	8	8	452	25	10	53	27	10	446
D. never or almost never	12	1	20	2	40	2	40	0	0	455	4	14	43	43	0	451	16	9	46	32	13	444
How often do you use calculators in mathematics class?																						
A. almost every day	0										3	60	40	0	0	460	5	3	30	33	33	436
B. two or three days a week	28	0	0	12	100	0	0	0	0	450	24	26	66	8	0	457	19	8	50	30	12	445
C. two or three times each month	51	2	9	17	77	3	14	0	0	454	53	24	63	12	1	455	38	11	55	26	8	447
D. never or almost never	21	3	33	5	56	1	11	0	0	459	20	22	66	13	0	456	38	9	50	29	12	445
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	0	0	0	0	1	100	0	0	440	2	33	0	67	0	448	8	3	33	38	25	438
B. 30–45 minutes	2	0	0	1	100	0	0	0	0	446	6	0	80	10	10	449	27	6	48	33	13	443
C. 45–60 minutes	2	0	0	0	0	1	100	0	0	440	5	25	50	25	0	454	38	11	54	26	9	447
D. more than 60 minutes	93	5	13	33	83	2	5	0	0	455	87	27	64	9	0	457	26	13	55	23	9	448
Optional school/SAU question																						
A.	0										0											
B.	0										100	100	0	0	0	466						
C.	0										0											
D.	0										0											

SCIENCE AND TECHNOLOGY RESULTS

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 461–480)	2005-2006	12	29	27	17	751	5
	2006-2007	6	27	44	28	963	7
	2007-2008	12	28	34	22	882	6
	Cum. Total*	30	28	105	22	2596	6
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 441–460)	2005-2006	26	63	107	66	7251	52
	2006-2007	16	73	94	59	6824	49
	2007-2008	26	60	101	64	7130	51
	Cum. Total*	68	64	302	63	21205	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 429–440)	2005-2006	2	5	25	16	4514	32
	2006-2007	0	0	21	13	4382	32
	2007-2008	5	12	23	15	4433	32
	Cum. Total*	7	7	69	14	13329	32
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 400–428)	2005-2006	1	2	2	1	1458	10
	2006-2007	0	0	1	1	1735	12
	2007-2008	0	0	0	0	1546	11
	Cum. Total*	1	1	3	1	4739	11

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	12	25	9.9	82.5	9.5	79.2	8.0	66.7
Cluster 2: Physical Sciences	12	25	9.2	76.7	8.7	72.5	7.2	60.0
Cluster 3: Earth and Space Sciences	12	25	9.4	78.3	8.7	72.5	7.4	61.7
Cluster 4: Nature and Implications of Science	12	25	8.4	70.0	8.8	73.3	7.6	63.3

Cluster 1: Life Sciences

- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences

- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences

- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine’s 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at <http://www.maine.gov/education/lslat/gles.htm>.

SCIENCE AND TECHNOLOGY RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 4
 SAU: MSAD 71
 School: Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13991	6	51	32	11	444
Ethnicity																						
African American/Black	0										2						385	2	27	35	36	434
American Indian or Native Alaskan	0										0						101	3	44	44	10	441
Asian or Pacific Islander	0										2						262	5	52	28	14	443
Hispanic	0										0						162	2	38	39	21	439
Caucasian/White	43	12	28	26	60	5	12	0	0	456	154	21	64	14	0	453	13080	7	52	31	10	444
Not Reported	0										0						1					
Identified disability																						
Yes	16	2	13	9	56	5	31	0	0	449	30	7	70	23	0	447	2370	2	32	41	25	437
No	27	10	37	17	63	0	0	0	0	460	128	25	63	13	0	455	11621	7	55	30	8	445
Current LEP																						
Yes	0										3						379	1	25	35	39	433
No	43	12	28	26	60	5	12	0	0	456	155	21	64	15	0	453	13612	6	52	32	10	444
Economically disadvantaged																						
Yes	5	2	40	1	20	2	40	0	0	455	23	22	52	26	0	453	5470	3	41	39	18	440
No	38	10	26	25	66	3	8	0	0	456	135	21	66	13	0	453	8521	9	57	27	7	446
Migrant																						
Yes	0										0						5	20	20	40	20	443
No	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13986	6	51	32	11	444
Gender																						
Female	21	5	24	14	67	2	10	0	0	455	80	24	59	18	0	453	6929	6	49	33	12	443
Male	22	7	32	12	55	3	14	0	0	456	78	19	69	12	0	454	7061	7	53	30	10	444
Not Reported	0										0						1					
Title 1A targeted program																						
Yes	1										13	0	62	38	0	445	1888	1	32	44	23	437
No	42	12	29	25	60	5	12	0	0	456	145	23	64	12	0	454	12103	7	54	30	9	445
Gifted/talented program																						
Yes	0										0						266	30	65	5	1	457
No	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13725	6	51	32	11	444

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE AND TECHNOLOGY RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 4
SAU: MSAD 71
School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	5	4	37	36	22	439
B. less than one hour	91	10	26	25	64	4	10	0	0	455	61	21	68	11	0	454	74	6	53	31	10	444
C. one to two hours	7	2	67	1	33	0	0	0	0	467	37	24	59	17	0	453	18	7	52	32	8	445
D. more than two hours	0										1	0	50	50	0	442	2	4	31	33	32	437
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	29	6	50	6	50	0	0	0	0	462	23	36	56	8	0	456	24	9	53	28	10	446
B. They match some of what I have learned.	52	5	23	14	64	3	14	0	0	453	64	18	66	16	0	452	49	6	54	31	9	445
C. They match just a little of what I have learned.	19	1	13	5	63	2	25	0	0	452	12	16	63	21	0	452	21	4	47	36	13	442
D. There is no match.	0										1	0	100	0	0	452	6	2	35	37	25	438
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	21	4	44	4	44	1	11	0	0	458	22	29	51	20	0	453	25	9	53	27	10	446
B. good	71	7	23	21	70	2	7	0	0	455	63	20	69	11	0	454	54	6	55	30	9	445
C. fair	7	1	33	0	0	2	67	0	0	450	15	17	61	22	0	451	19	3	43	40	15	441
D. poor	0										0						3	2	28	42	29	435
How difficult was the science part of this test?																						
A. harder than my regular schoolwork	20	1	13	5	63	2	25	0	0	452	13	19	62	19	0	452	22	5	45	35	15	442
B. about the same as my regular schoolwork	68	8	29	19	68	1	4	0	0	457	75	22	67	11	0	454	62	7	53	31	9	445
C. easier than my regular schoolwork	12	2	40	1	20	2	40	0	0	450	12	17	50	33	0	449	16	7	52	28	13	444
How often do you have science classes?																						
A. every day	74	10	31	18	56	4	13	0	0	456	30	25	58	17	0	454	24	7	48	33	12	444
B. a few times a week	23	2	20	8	80	0	0	0	0	457	64	19	67	14	0	453	53	7	54	31	9	445
C. once a week	0										3	40	60	0	0	458	9	6	46	33	15	442
D. a few times a month	2	0	0	0	0	1	100	0	0	438	3	25	50	25	0	455	14	5	50	31	14	443
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	9	1	25	3	75	0	0	0	0	457	5	13	88	0	0	452	25	5	48	34	13	443
B. I work in groups to design and conduct experiments.	26	2	18	8	73	1	9	0	0	454	16	16	72	12	0	452	27	4	46	37	13	442
C. I do a combination of A and B, but mostly A.	40	4	24	9	53	4	24	0	0	454	34	26	57	17	0	454	26	7	56	28	8	445
D. I do a combination of A and B, but mostly B.	26	5	45	6	55	0	0	0	0	459	45	21	63	15	0	453	22	9	55	26	9	446
Optional school/SAU question																						
A.	0										0											
B.	0										100	0	0	0		474						
C.	0										0											
D.	0										0											